



April 22, 2016

Ms. Michelle Farley
Air Engineer
Department of Natural Resources
2984 Shawano Avenue
Green Bay, Wisconsin 54313-6727

Mr. Manoj Patel
Environmental Engineer
Air Enforcement and Compliance Assurance Branch (MI/WI)
US Environmental Protection Agency
Air and Radiation Division, Region 5
77 W. Jackson Blvd. AE-17J
Chicago, IL. 60604

**RE: 1st Q 2016 Excess Emissions, CMS Performance and Periodic SSM Reports for Sources
Regulated by 40 CFR 63 Subpart MM for
Expera Specialty-Thilmany Mill**

Dear Michelle and Manoj:

The Expera Specialty- Thilmany Mill is subject to the reporting requirements specified by the NESHAP promulgated at 40 CFR 63 Subpart MM. This report meets the requirements for submitting an Excess Emissions, CMS Performance, and Periodic SSM Reports pursuant to 40 CFR.63.10(d)(5); 40 CFR 63.10(e)(3), and 40 CFR 63.867 (c).

This report covers the period January 1 - March 31, 2016 for the Lime Kiln, Smelt Dissolving Tanks and Recovery Boilers.

If you have any questions concerning the information on these reports, please contact me at (920) 766-8235.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Nessmann', written in a cursive style.

Mark Nessmann
Environmental Manager



COMPLIANCE REPORT

for meeting reporting requirements in 40 CFR 63.10(d)(5), 63.10(e)(3) and applicable standard

General Information

Facility Identification

Name: **Expera Specialty Solutions - Thilmany Mill**

Address: **600 Thilmany Road**

City: **Kaukauna** State: **Wisconsin** Zip: **54130**

End of Reporting Period **3/31/2016**

Relevant standard that is the basis for this report

Chemical Recovery Combustion Sources NESHAP - Subpart MM, §63.860

Process units covered by this report

- Recovery Furnaces B08, B10
- Smelt Dissolving Tanks SDT 8, SDT 10
- Lime Kiln

Reports submitted for each process unit

- Emission Data Summary §63.10(e)(3)(vi)
- CMS Performance Summary §63.10(e)(3)(vi)
- Emission Data Detail for SSM Events and Other Events §63.867(c), §63.10(c), 63.10(d)(5)(i)
- CMS Performance Detail for Downtime Events §63.867(c), §63.10(c), 63.10(d)(5)(i)

Were any changes made to the SSM plan since the last reporting period? §63.6(e)(3)(viii)

No ☒ Yes ☐ If yes, superseded versions are maintained on site in accordance with 40 CFR 63.6(e)(3)(v).

Were there any changes in CMS, processes, or controls since the last reporting period? §63.10(e)(3)(vi)(K)

No ☒ Yes ☐ If yes, describe below or a separate page.

Notes/Comments:

Certification

Based on information and belief formed after reasonable inquiry, I certify, to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

Name Mark Nessmann

Title Environmental Manager

Signature

Report Date

4/22/16

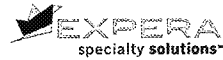


Continuous Monitoring System Equipment List

End Of Reporting Period: 3/31/2016		Report Run Date 4/21/2016 11:00
Relevant standard that is the basis for this report: Chemical Recovery Combustion Sources NESHAP - Subpart MM, §63.860		

Emission Point	Monitoring Equipment	CMS Manufacturer	CMS Model No.	Date of Latest Certification or Audit*
B08 and B10 - A Stack	COMS	Durag	D-R 290	March 29, 2016
B08 and B10 - B Stack	COMS	Durag	D-R 290	March 29, 2016
SDT8	Differential Pressure	ABB	600T-EN	July 29, 2015
SDT8	Scrubber Water Flow	Krohne	IFC-080/ F / MP	July 29, 2015
SDT10	Differential Pressure	ABB	600T-EN	July 29, 2015
SDT10	Scrubber Water Flow	Yokogawa	AM-11-DEA1A	July 29, 2015
Lime Kiln	Ahlistrom Scrubber Flow	Foxboro	8003A-WCR-PJG-FNA-A	July 13, 2015
Lime Kiln	Ahlistrom Scrubber Pressure	Bailey	PTPGP72020E	July 13, 2015
Lime Kiln	Turbotak Air Pressure	Foxboro	821GM-IS1NM2	July 9, 2015
Lime Kiln	Turbotak Water Flow	ABB	10DX3111EDE	July 9, 2015

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SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill
Lime Kiln
Reporting Period:
From 1/1/2016

Report Run Date
To 4/1/2016

4/21/2016 8:47 AM

Hazardous Air Pollutants (HAPS) Monitored:

Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit:

Calcium Carbonate (Lime Mud) is calcined in the Lime Kiln producing Calcium Oxide. PM emissions are controlled by the Ahlstrom scrubber and the Turbotak scrubbing components.

Emission Data Summary
Emission Point:

LK Ahlstrom

LK Turbotak

Source Operating Time:

2,182.9

2136.6

Operating Parameter:

Flow

Pressure

Flow

Pressure

Averaging Period:

3-hr Avg

3-hr Avg

3-hr Avg

3-hr Avg

Parameter Limit:

276.6 gpm

267.5 PSI

44.1 gpm

96.4 PSI

Monitoring Exceedances In Reporting Period Due To:

	Duration		Count		Duration		Count		Duration		Count		Duration		Count	
	Hours	No.	Hours	No.	Hours	No.	Hours	No.	Hours	No.	Hours	No.	Hours	No.	Hours	No.
a. Startup/Shutdown	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
c. Process Problems-Malfunction	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total SSM monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Other monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%	
Total monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%	
Number of 24 hour periods with one or more non-SSM monitoring exceedances	0															

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Footnote 2 for, "Number of 24-hour periods with one or more non-SSM monitoring exceedances": Periods of excess emission are not a violation of 40 CFR 63.862 provided the number of 3-hour parameter exceedances is not 6 or greater during the source operating time within a semi-annual period per 40 CFR 63.864(k)(2)(iii), excluding periods of startup, shutdown and malfunction [40 CFR 63.6(f)(1)]. No more than one exceedance shall be attributed to any 24-hour period per 40 CFR 63.864(k)(3).



DETAIL REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill Lime Kiln Report Run Date: 4/21/2016 8:47 AM

Reporting Period: From 1/1/2016 To 4/1/2016

Emission Data Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Lime Kiln				LK1 Ahlstrom Flow EE	No Events		
				LK1 Ahlstrom Pressure EE	No Events		
				LK1 Turbotak Flow EE	No Events		
				LK1 Turbotak Pressure EE	No Events		



SUMMARY REPORT - Continuous Monitoring System Performance

Thilmany Mill

Lime Kiln

Reporting Period:From 1/1/2016To 4/1/2016

Report Run Date4/21/2016 8:47 AM

CMS Performance Summary	Emission Point:	LK							
	Source Operating Time:	2182.9 Hours							
	Monitoring Equipment:	Ahlstrom Flow		Ahlstrom Pressure		Turbotak Flow		Turbotak Pressure	
CMS Downtime In Reporting Period Due To:	Duration	Count	Duration	Count	Duration	Count	Duration	Count	
	Hours	No.	Hours	No.	Hours	No.	Hours	No.	
a. Monitor Equipment Malfunctions	0.0	0	0.0	0	0.0	0	0.0	0	
b. Non-Monitor Equipment Malfunctions	0.0	0	0.0	0	0.0	0	0.0	0	
c. Quality Assurance/Quality Control Calibrations	0.0	0	0.0	0	0.0	0	0.0	0	
Total malfunctions & QA/QC calibrations	0.0	0	0.0	0	0.0	0	0.0	0	
d. Other Known Causes	0.0	0	0.0	0	0.0	0	0.0	0	
e. Other Unknown Causes	0.0	0	0.0	0	0.0	0	0.0	0	
Total Other causes	0.0	0	0.0	0	0.0	0	0.0	0	
Total CMS downtime	0.0	0	0.0	0	0.0	0	0.0	0	
[(Total CMS downtime)/(Total source operating time)]X100 (%)	0.00%		0.00%		0.00%		0.00%		

Footnote 1 for, "Monitor Equipment Malfunctions, Non-Monitor Equipment Malfunctions, and Quality Assurance/Quality Control Calibrations": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).



DETAIL REPORT - Continuous Monitoring System Performance

Thilmany Mill Lime Kiln Report Run Date: 4/21/2016 8:47 AM

Reporting Period: From 1/1/2016 To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
			Lime Kiln				
			LK1 Ahlstrom Flow CMS	No Events			
			LK1 Ahlstrom Pressure CMS	No Events			
			LK1 Turbotak Flow CMS	No Events			
			LK1 Turbotak Pressure CMS	No Events			



SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill

Recovery Furnace 8-10

Reporting Period:

From 1/1/2016

Report Run Date

To 4/1/2016

4/21/2016 8:48 AM

Hazardous Air Pollutants (HAPS) Monitored:

Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit:

No. 8 and No. 10 Recovery Furnaces are non-direct contact, low-odor steam generating units firing black liquor. The exhaust gases combine and are treated in parallel by two 3-field precipitators (A&B).

Emission Data Summary

Emission Point:

RF 8-10A

RF 8-10B

Source Operating Time:

2,173.9

2168.2

Operating Parameter:

Opacity

Opacity

Opacity

Opacity

Averaging Period:

6-min Avg

60-min Avg

6-min Avg

60-min Avg

Parameter Limit:

35%

20%

35%

20%

Monitoring Exceedances In Reporting Period Due To:

	Duration	Count	Duration	Count	Duration	Count	Duration	Count
	Hours	No.	Hours	No.	Hours	No.	Hours	No.
a. Startup/Shutdown	0.0	0	0.0	0	0.0	0	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0	0.0	0	0.0	0	0.0	0
c. Process Problems-Malfunction	0.0	0	0.0	0	0.0	0	0.0	0
Total SSM monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0	0.0	0	0.0	0
Total Other monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%		0.00%		0.00%	
Total monitoring exceedances	0.0	0	0.0	0	0.0	0	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%		0.00%		0.00%	

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Footnote 2 for, "[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)": Periods of excess emissions are not a violation of 40 CFR 63.862 provided that opacity does not exceed 35% for 6 percent or more of the source operating time within a quarterly period per 40 CFR 63.864(k)(2)(i), excluding periods of startup, shutdown and malfunction [40 CFR 63.6(h)(1)].



DETAIL REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill

Recovery Furnace 8-10

Report Run Date: 4/21/2016 8:48 AM

Reporting Period:

From 1/1/2016

To 4/1/2016

Emission Data Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Recovery Furnace 8-10							
				RF8-10A Opacity EE (6-Min)	No Events		
				RF8-10A Opacity EE (60-Min)	No Events		
				RF8-10B Opacity EE (6-Min)	No Events		
				RF8-10B Opacity EE (60-Min)	No Events		



SUMMARY REPORT - Continuous Monitoring System Performance

Thilmany Mill

Recovery Furnace 8-10

Reporting Period:

From1/1/2016To4/1/2016

Report Run Date4/21/2016 8:48 AM

CMS Performance Summary	Emission Point:	RF 8-10A		RF 8-10B	
	Source Operating Time:	2173.9		2168.2	
	Monitoring Equipment:	Opacity		Opacity	
CMS Downtime In Reporting Period Due To:		Duration	Count	Duration	Count
		Hours	No.	Hours	No.
a. Monitor Equipment Malfunctions		0.0	0	0.0	0
b. Non-Monitor Equipment Malfunctions		0.0	0	0.0	0
c. Quality Assurance/Quality Control Calibrations		10.6	92	10.6	92
Total malfunctions & QA/QC calibrations		10.6	92	10.6	92
d. Other Known Causes		0.0	0	0.0	0
e. Other Unknown Causes		0.0	0	0.0	0
Total Other causes		0.0	0	0.0	0
Total CMS downtime		10.6	92	10.6	92
[(Total CMS downtime)/(Total source operating time)]X100 (%)		0.49%		0.49%	

Footnote 1 for, "Monitor Equipment Malfunctions, Non-Monitor Equipment Malfunctions, and Quality Assurance/Quality Control Calibrations": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Thilmany Mill

Recovery Furnace 8-10

Report Run Date: 4/21/2016 8:48 AM

Reporting Period:	From 1/1/2016
--------------------------	----------------------

To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

[illegible]

Thilmany Mill

Recovery Furnace 8-10

Report Run Date: 4/21/2016 8:48 AM

Reporting Period:

From 1/1/2016

To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

[illegible]

Thilmany Mill

Recovery Furnace 8-10

Report Run Date: 4/21/2016 8:48 AM

Reporting Period:

From 1/1/2016

To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

[illegible]



DETAIL REPORT - Continuous Monitoring System Performance

Thilmany Mill Recovery Furnace 8-10 Report Run Date: 4/21/2016 8:48 AM

Reporting Period: From 1/1/2016 To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
3/16/2016 4:11 AM	3/16/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/17/2016 4:11 AM	3/17/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/18/2016 4:11 AM	3/18/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/19/2016 4:11 AM	3/19/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/20/2016 4:11 AM	3/20/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/21/2016 4:11 AM	3/21/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/22/2016 4:11 AM	3/22/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/23/2016 4:11 AM	3/23/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/24/2016 4:11 AM	3/24/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/25/2016 4:11 AM	3/25/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/26/2016 4:11 AM	3/26/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/27/2016 4:11 AM	3/27/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/28/2016 4:11 AM	3/28/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/29/2016 4:11 AM	3/29/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/29/2016 1:00 PM	3/29/2016 2:30 PM	1.5	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/30/2016 4:11 AM	3/30/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
3/31/2016 4:11 AM	3/31/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations
4/1/2016 4:11 AM	4/1/2016 4:17 AM	0.1	RF8-10B Opacity CMS (6-Min)	Automatic Calibration	Passed	No Action Required	QA/QC Calibrations



SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill
Recovery Furnace 8-10 Bypass
Reporting Period:
From 1/1/2016

Report Run Date
To 4/1/2016

4/20/2016 4:33 PM

Hazardous Air Pollutants (HAPS) Monitored:

Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit:

No. 8 and No. 10 Recovery Furnaces are non-direct contact, low-odor steam generating units firing black liquor. The exhaust gases combine and are treated in parallel by two 3-field precipitators (A&B). This report documents precipitator bypass emissions.

Emission Data Summary
Emission Point:

RF 8-10 Bypass

Source Operating Time:

2168.7 Hours

Operating Parameter:

System Bypass

Averaging Period:

Instantaneous

Parameter Limit:

Bypass Closed During Operation

Monitoring Exceedances In Reporting Period Due To:

	Duration	Count
	Hours	No.
a. Startup/Shutdown	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0
c. Process Problems-Malfunction	0.0	0
Total SSM monitoring exceedances	0.0	0
d. Other Known Causes	0.0	0
e. Other Unknown Causes	0.0	0
Total Other monitoring exceedances	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%	
Total monitoring exceedances	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%	

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).



No Excess Emission Detail Report

Thilmany Mill

Recovery Furnace 8-10 Bypass

Report Run Date: 4/20/2016 4:33 PM

Reporting Period:

From 1/1/2016

To 4/1/2016

No Excess Emission Events

Start Time	End Time	Duration (Minutes)	Location	Trouble	Cause	Correction	Report Code
Recovery Furnace 8-10 Bypass				RF 8-10 Bypass	No Events		



SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill
Smelt Dissolving Tank 8
Reporting Period:
From 1/1/2016

Report Run Date
To 4/1/2016

4/20/2016 4:34 PM

Hazardous Air Pollutants (HAPS) Monitored:

Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit:

Molten inorganic kraft cooking chemicals (smelt) recovered by the No. 8 Recovery Furnace are dissolved in weak wash to produce Green Liquor. PM emissions are controlled by a Turbulaire scrubber.

Emission Data Summary
Emission Point:

SDT8

Source Operating Time:

2114.3 Hours

Operating Parameter:

dP

Flow

Averaging Period:

3-hr Avg

3-hr Avg

Parameter Limit:

 5.0 " H₂O

30.0 gpm

Monitoring Exceedances In Reporting Period Due To:

	Duration	Count	Duration	Count
	Hours	No.	Hours	No.
a. Startup/Shutdown	0.0	0	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0	0.0	0
c. Process Problems-Malfunction	0.0	0	0.0	0
Total SSM monitoring exceedances	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0
Total Other monitoring exceedances	0.0	0	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	
Total monitoring exceedances	0.0	0	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	
Number of 24 hour periods with one or more non-SSM monitoring exceedances	0			

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Footnote 2 for, "Number of 24-hour periods with one or more non-SSM monitoring exceedances": Periods of excess emission are not a violation of 40 CFR 63.862 provided the number of 3-hour parameter exceedances is not 6 or greater during the source operating time within a semi-annual period per 40 CFR 63.864(k)(2)(iii), excluding periods of startup, shutdown and malfunction [40 CFR 63.6(f)(1)]. No more than one exceedance shall be attributed to any 24-hour period per 40 CFR 63.864(k)(3).



No Excess Emission Detail Report

Thilmany Mill

Smelt Dissolving Tank 8

Report Run Date: 4/20/2016 4:34 PM

Reporting Period:

From 1/1/2016

To 4/1/2016

No Excess Emission Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Smelt Dissolving Tank 8				SDT8 dP EE	No Events		
				SDT8 Flow EE	No Events		



SUMMARY REPORT - Continuous Monitoring System Performance

Thilmany Mill
Smelt Dissolving Tank 8
Reporting Period:
From 1/1/2016

Report Run Date
To 4/1/2016

4/20/2016 4:34 PM

CMS Performance Summary
Emission Point:

SDT8

Source Operating Time:

2114.3 Hours

Monitoring Equipment:

dP

Flow

CMS Downtime In Reporting Period Due To:

	Duration	Count	Duration	Count
	Hours	No.	Hours	No.
a. Monitor Equipment Malfunctions	0.0	0	0.0	0
b. Non-Monitor Equipment Malfunctions	0.0	0	0.0	0
c. Quality Assurance/Quality Control Calibrations	0.0	0	0.0	0
Total malfunctions & QA/QC calibrations	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0
Total Other causes	0.0	0	0.0	0
Total CMS downtime	0.0	0	0.0	0
[(Total CMS downtime)/(Total source operating time)]X100 (%)	0.00%		0.00%	

Footnote 1 for, "Monitor Equipment Malfunctions, Non-Monitor Equipment Malfunctions, and Quality Assurance/Quality Control Calibrations": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Thilmany Mill

Smelt Dissolving Tank 8

Report Run Date: 4/20/2016 4:34 PM

Reporting Period:

From 1/1/2016

To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
			Smelt Dissolving Tank 8				
			SDT8 dP CMS	No Events			
			SDT8 Flow CMS	No Events			



SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill

Smelt Dissolving Tank 10

Reporting Period:	From 1/1/2016 To 4/1/2016	Report Run Date 4/20/2016 4:33 PM
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Hazardous Air Pollutants (HAPS) Monitored:	Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).
Brief description of process unit:	Molten inorganic kraft cooking chemicals (smelt) recovered by the No. 10 Recovery Furnace are dissolved in weak wash to produce Green Liquor. PM emissions are controlled by a Turbulaire scrubber.

Emission Data Summary		Emission Point: SDT10			
		Source Operating Time: 2128.7 Hours			
		Operating Parameter: dP		Flow	
		Averaging Period: 3-hr Avg		3-hr Avg	
		Parameter Limit: 5.0 " H2O		35.0 gpm	
Monitoring Exceedances In Reporting Period Due To:		Duration	Count	Duration	Count
		Hours	No.	Hours	No.
a. Startup/Shutdown		0.0	0	0.0	0
b. Control Equipment Problems-Malfunction		0.0	0	0.0	0
c. Process Problems-Malfunction		0.0	0	0.0	0
Total SSM monitoring exceedances		0.0	0	0.0	0
d. Other Known Causes		0.0	0	0.0	0
e. Other Unknown Causes		0.0	0	0.0	0
Total Other monitoring exceedances		0.0	0	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)		0.00%		0.00%	
Total monitoring exceedances		0.0	0	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)		0.00%		0.00%	
Number of 24 hour periods with one or more non-SSM monitoring exceedances		0			

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).

Footnote 2 for, "Number of 24-hour periods with one or more non-SSM monitoring exceedances": Periods of excess emission are not a violation of 40 CFR 63.862 provided the number of 3-hour parameter exceedances is not 6 or greater during the source operating time within a semi-annual period per 40 CFR 63.864(k)(2)(iii), excluding periods of startup, shutdown and malfunction [40 CFR 63.6(f)(1)]. No more than one exceedance shall be attributed to any 24-hour period per 40 CFR 63.864(k)(3).

Thilmany Mill

Smelt Dissolving Tank 10

Report Run Date: 4/20/2016 4:33 PM

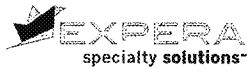
Reporting Period:

From 1/1/2016

To 4/1/2016

No Excess Emission Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Smelt Dissolving Tank 10			SDT10 dP EE	No Events			
			SDT10 Flow EE	No Events			



SUMMARY REPORT - Continuous Monitoring System Performance

Thilmany Mill		Smelt Dissolving Tank 10	
Reporting Period:	From	1/1/2016	Report Run Date
	To	4/1/2016	4/21/2016 8:48 AM

CMS Performance Summary	Emission Point:	SDT10		
	Source Operating Time:	2128.7 Hours		
	Monitoring Equipment:	dP		Flow
CMS Downtime In Reporting Period Due To:	Duration	Count	Duration	Count
	Hours	No.	Hours	No.
a. Monitor Equipment Malfunctions	0.0	0	0.0	0
b. Non-Monitor Equipment Malfunctions	0.0	0	0.0	0
c. Quality Assurance/Quality Control Calibrations	0.0	0	0.0	0
Total malfunctions & QA/QC calibrations	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0
Total Other causes	0.0	0	0.0	0
Total CMS downtime	0.0	0	0.0	0
[(Total CMS downtime)/(Total source operating time)]X100 (%)	0.00%		0.00%	

Footnote 1 for, "Monitor Equipment Malfunctions, Non-Monitor Equipment Malfunctions, and Quality Assurance/Quality Control Calibrations": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).



DETAIL REPORT - Continuous Monitoring System Performance

Thilmany Mill

Smelt Dissolving Tank 10

Report Run Date: 4/21/2016 8:48 AM

Reporting Period:

From 1/1/2016

To 4/1/2016

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
			Smelt Dissolving Tank 10				
			SDT10 dP CMS	No Events			
			SDT10 Flow CMS	No Events			



SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Thilmany Mill
Smelt Dissolving Tank Bypass
Reporting Period:
From 1/1/2016

Report Run Date
To 4/1/2016

4/20/2016 4:34 PM

Hazardous Air Pollutants (HAPS) Monitored:

Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit:

Molten inorganic kraft cooking chemicals (smelt) recovered by the Recovery Furnaces are dissolved in weak wash to produce Green Liquor. PM emissions are controlled by a Turbulaire scrubber. This report documents scrubber bypass emissions.

Emission Data Summary
Emission Point:

SDT10 Bypass

SDT8 Bypass

Source Operating Time:

2128.7 Hours

2114.3 Hours

Operating Parameter:

System Bypass

System Bypass

Averaging Period:

Instantaneous

Instantaneous

Parameter Limit:

Bypass Closed During Operation

Bypass Closed During Operation

Monitoring Exceedances In Reporting Period Due To:

	Duration	Count	Duration	Count
	Hours	No.	Hours	No.
a. Startup/Shutdown	0.0	0	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0	0.0	0
c. Process Problems-Malfunction	0.0	0	0.0	0
Total SSM monitoring exceedances	0.0	0	0.0	0
d. Other Known Causes	0.0	0	0.0	0
e. Other Unknown Causes	0.0	1	0.0	0
Total Other monitoring exceedances	0.0	1	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	
Total monitoring exceedances	0.0	1	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	

Footnote 1 for, "Startup/Shutdown, Control Equipment Problems, and Process Problems": Except for actions which may have been previously reported according to 40 CFR 63.10(d)(5)(ii), actions taken in response to SSM events were consistent with the procedures specified in the SSM plan required by 40 CFR 63.6(e)(3). These actions were documented pursuant to 40 CFR 63.6(e)(3)(iii) and reported per 40 CFR 63.10(d)(5)(i).



No Excess Emission Detail Report

Thilmany Mill

Smelt Dissolving Tank Bypass

Report Run Date: 4/20/2016 4:34 PM

Reporting Period:

From 1/1/2016

To 4/1/2016

No Excess Emission Events

Start Time	End Time	Duration (Minutes)	Location	Trouble	Cause	Correction	Report Code
			Smelt Dissolving Tank Bypass				
			SDT10 Bypass	No Events			
			SDT8 Bypass	No Events			